



Exhaust outlet: 2" NPT Motive inlet: 2" NPT

#### Dimensions-Inches (mm)

See Capacities on page 91

Connections: 4" x 4" Flanged

Canadian Registration # 1350.9

# CONDENSATE COMMANDER BIG BOY PUMP

## **SPECIFICATION**

Pump shall be a pressure vessel drainer operated by steam, compressed air or other pressurized gas to 150 psig. Body shall be fabricated steel ASME code to 150 psi. Mechanism shall employ one spring operating in continuous compression. Springs shall be warrantied for the life of the unit. When required, unit shall be equipped with an external cycle counter and sight glass.

#### **MAXIMUM OPERATING CONDITIONS**

**PMO** 

Max. Operating Pressure 150 psig (10.3 barg)

TMO:

Max. Operating Temperature 400°F (204°C)

PMA:

Max. Allowable Pressure 150 psig (10.3 barg)

TMA:

Max. Allowable Temperature 400°F (204°C)

### MATERIALS OF CONSTRUCTION

Tank Weldment Steel
Trip Mechanism w/Flange Stl/SS

Gasket Non-asbestos

Stud, Flange Steel
Nut, Hex Steel
Nameplate Aluminum
Drive Screw Steel
Pipe Plug, 3/4" NPT Steel
Water Level Gage Bronze

Inlet Check Valve Bronze/Stainless Steel

Inlet Flange Steel

Outlet Check Valve Bronze/Stainless Steel

Outlet Flange Steel

#### **OPERATING CHARACTERISTICS**

Pump Discharge per Cycle: 140 - 185 Gal Max. Instantaneous Discharge Rate: 195 GPM

Steam Consumption: ~3 lbs per 1000

lbs.

of liquid pumped

Air Consumption: ~100 SCF per

1000 lbs. of liquid

pumped

Recommended Filling Head: 24"

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#### **OPTIONS**

High Back Pressure for back pressures above 60 psi